

**COMBINED DECLARATION AND POWER OF ATTORNEY (SUBSTITUTE)**

As a below named inventor, I hereby declare that:

My Residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and sole inventor (if only one name is listed below) or an original joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled VASCULAR ACCESS DEVICES HAVING HEMOSTATIC SAFETY VALVE, the specification of which (is attached hereto/was filed on November 24, 1999 and assigned Application No. 09/450,032).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of this application as defined in Title 37, Code of Federal Regulations, §1.56(a).

CIP Application Duty: If the present application is a continuation-in-part of any prior application(s), including any listed below or in the above-identified specification, I acknowledge the duty to disclose information that is material to the examination of this application as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign or provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>Prior Foreign or Provisional Application(s)</u>			<u>Priority Claimed</u>	
<u>Number</u>	<u>Country</u>	<u>Filing Date</u>	<u>Yes</u>	<u>No</u>

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office and in all the competent International Authorities connected therewith: Debra D. Condino, Reg. No. 31,007; Lena Vinitskaya, Reg. No. 39,448; Peter J. Gluck, Reg. No. 38,022; and John Christopher James, Reg. No. 40,660.

Address all correspondence and telephone calls to: Lena I. Vinitskaya, Reg. No. 39,448  
Edwards Lifesciences LLC  
Law Dept.  
One Edwards Way  
Irvine, CA 92614  
Telephone: (949) 250-6856  
Facsimile: (949) 250-6850

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first joint inventor: Charles R. Mooney

Inventor's signature: Charles R. Mooney

Date: 11/12/01

Residence: 1730 Samar Drive  
Costa Mesa, CA 92626

Citizenship: USA

Post Office Address: same

Full name of Second joint inventor: Clifford E. Currier

Inventor's signature: Clifford E. Currier

Date: 11/12/01

Residence: 9 Sandbridge  
Aliso Viejo, CA 92656

Citizenship: USA

Post Office Address: same

## ASSIGNMENT (Joint Inventors)

In consideration of one dollar (\$1.00) and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to BAXTER INTERNATIONAL INC. (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at Deerfield, Illinois its successors, legal representatives and assigns, the entire right, title and interest throughout the world in our invention or improvements in VASCULAR ACCESS DEVICES HAVING HEMOSTATIC SAFETY VALVE, the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which we may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, and in any reissue or extension thereof.

We hereby authorize and request the Commissioner of patents to issue said Letters Patent to said BAXTER INTERNATIONAL INC.

We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire rights, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

WITNESS our hand and seal

Date 11/30/99 Signature Charles R. Mooney

Typed Name: Charles R. Mooney

State of California, County of Orange

On Nov 30, 1999 before me, Lisa M. Napolitano  
personally appeared Charles R. Mooney  
known to me (or proved to me on the basis of satisfactory evidence)  
to be the person whose name is subscribed to the within instrument  
and acknowledged to me that he/she executed the same in his/her  
authorized capacity, and that by his/her signature on the instrument  
the person, or the entity upon behalf of which the person acted,  
executed the instrument.

Lisa M. Napolitano (Seal)  
Signature of Notary

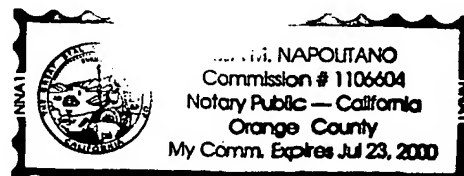
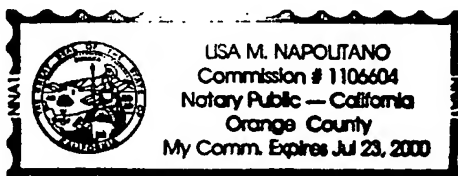
Date 10-30-99 Signature Clifford E. Currier

Typed Name: Clifford E. Currier

State of California, County of Orange

On Nov 30, 1999 before me, Lisa M. Napolitano  
personally appeared Clifford E. Currier  
known to me (or proved to me on the basis of satisfactory evidence)  
to be the person whose name is subscribed to the within instrument  
and acknowledged to me that he/she executed the same in his/her  
authorized capacity, and that by his/her signature on the instrument  
the person, or the entity upon behalf of which the person acted,  
executed the instrument.

Lisa M. Napolitano (Seal)  
Signature of Notary



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JUL 10 2000

EDWARDS  
LIFESCIENCES

JUNE 29, 2000



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
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Washington, D.C. 20231

PTAS

BAXTER HEALTHCARE CORPORATION  
LENA L. VINITSKAYA, ESQ.  
17221 RED HILL AVENUE  
IRVINE, CALIFORNIA 92614



\*101342753A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/14/2000

REEL/FRAME: 010740/0690  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOONEY, CHARLES R. ✓

DOC DATE: 11/30/1999

ASSIGNOR:

CURRIER, CLIFFORD E. ✓

DOC DATE: 11/30/1999

ASSIGNEE:

BAXTER INTERNATIONAL INC.  
ONE BAXTER PARKWAY  
DEERFIELD, ILLINOIS 60015

SERIAL NUMBER: 09450032  
PATENT NUMBER:

FILING DATE: 11/24/1999  
ISSUE DATE:

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

CL

4.14.00  
Docket No.: ECC-5527

S/N: 09/450,032

REC

05-03-2000



ET

Filing Date: Nov. 24, 1999

To the Honorable Commissioner of Patents and  
thereof

101342753

original documents or copy

1. Name of conveying parties:

1. Charles R. Mooney, executed on 11/30/99
2. Clifford E. Currier, executed on 11/30/99
- 3.
- 4.
- 5.
- 6.

Additional names(s) of conveying party(ies) attached? Yes ☐ No ☒

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies):

Baxter International Inc.  
One Baxter Parkway  
Deerfield, IL 60015

Additional name(s) & address(es) attached? Yes ☐ No ☒

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is \_\_\_\_\_.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Lena I. Vinitskaya, Esq.  
Baxter Healthcare Corporation  
17221 Red Hill Avenue  
Irvine, California 92614

6. Total number of applications and patents involved: 1

7. Total fee (37CFR3.41).....\$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit Account Number: 02-1437 (ECC-5527)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Lena I. Vinitskaya, Reg. No. 39,448

Name of Person Signing

  
Signature

04/14/2000  
Date

Total number of pages including cover sheet, attachments and document: 5

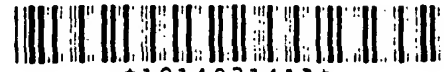


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Washington, D C. 20231

AUGUST 30, 2000

PTAS

EDWARDS LIFESCIENCES LLC  
DEBRA D. CONDINO  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614



\*101403141A\*

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NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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RECORDATION DATE: 06/09/2000

REEL/FRAME: 010901/0274  
NUMBER OF PAGES: 33

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BAXTER INTERNATIONAL INC.

DOC DATE: 06/09/2000

ASSIGNEE:

EDWARDS LIFESCIENCES CORPORATION  
ONE EDWARDS WAY  
IRVINE, CALIFORNIA 92614

SERIAL NUMBER: 06712528  
PATENT NUMBER:

BE-3506

FILING DATE: 03/18/1985 ✓  
ISSUE DATE:

SERIAL NUMBER: 08584718  
PATENT NUMBER:

BE-4540 CON

FILING DATE: 01/11/1996 ✓  
ISSUE DATE:

SERIAL NUMBER: 09472093  
PATENT NUMBER:

BE 5167 DIV

FILING DATE: 12/23/1999 ✓  
ISSUE DATE:

SERIAL NUMBER: 09059125  
PATENT NUMBER:

BE-5181

FILING DATE: 04/13/1998 ✓  
ISSUE DATE:

SERIAL NUMBER: 09075409	BE-5223	FILING DATE: 05/08/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09362468	BE-5462	FILING DATE: 07/28/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09390381	BE-5477	FILING DATE: 09/03/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09429773	BE-5507	FILING DATE: 10/28/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08559262	CVG-4938	FILING DATE: 11/15/1995 ✓
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SERIAL NUMBER: 09108553	CVG-5309	FILING DATE: 07/01/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09413948	CVG-5506	FILING DATE: 10/06/1999 ✓ ★
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 07095416		FILING DATE: 09/10/1987 ✓
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SERIAL NUMBER: 06489927		FILING DATE: 04/29/1983 ✓
PATENT NUMBER: D282284	ECC 3247	ISSUE DATE: 01/21/1986 ✓
SERIAL NUMBER: 06659134		FILING DATE: 11/26/1982 ✓
PATENT NUMBER: D288364	ECC 3452	ISSUE DATE: 02/17/1987 ✓
SERIAL NUMBER: 08475606	ECL 3572 CON	FILING DATE: 06/07/1995 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08440510	ECL 3698 CDC	FILING DATE: 05/12/1995 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08130634	ECL 3913 CCP	FILING DATE: 10/01/1993 ✓
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SERIAL NUMBER: 08966435	ECL 3913 CIPDV	FILING DATE: 11/07/1997 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08645391	ECL 4324 CDV	FILING DATE: 05/13/1996 ✓ ★
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SERIAL NUMBER: 08420503	ECL 4324 CDV	FILING DATE: 04/12/1995 ✓ ★
PATENT NUMBER:		ISSUE DATE:
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PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08049231	ECL 4324 CON	FILING DATE: 04/19/1993 ✓ ★
PATENT NUMBER:		ISSUE DATE:

SERIAL NUMBER: 09274802	ECC 4642 DIV	FILING DATE: 03/23/1999 ✓	★
PATENT NUMBER:		ISSUE DATE:	
SERIAL NUMBER: 08440624	ECC 4883 CIP	FILING DATE: 05/15/1995 ✓	
PATENT NUMBER:		ISSUE DATE:	
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PATENT NUMBER:		ISSUE DATE:	
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SERIAL NUMBER: 09177416	ECC 5396	FILING DATE: 10/22/1998 ✓	
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PATENT NUMBER:		ISSUE DATE:	
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PATENT NUMBER:		ISSUE DATE:	
SERIAL NUMBER: 09484555	ECC 5543	FILING DATE: 01/18/2000 ✓	
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SERIAL NUMBER: 09085944	ECC 3860 CDC	FILING DATE: 05/27/1998 ✓	★
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SERIAL NUMBER: 09293215	ECV 4468	FILING DATE: 04/16/1999 ✓	
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PATENT NUMBER:		ISSUE DATE:	



SERIAL NUMBER: 09144010	ECV 4955 CON	FILING DATE: 08/31/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09082848	ECV 5011 CON	FILING DATE: 05/21/1998 ✓
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SERIAL NUMBER: 09207783	ECV 5115 DIV	FILING DATE: 12/09/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09016489	ECV 5143	FILING DATE: 01/30/1998 ✓
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SERIAL NUMBER: 09016147	ECV 5221	FILING DATE: 01/30/1998 ✓
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SERIAL NUMBER: 09468715	ECV 5283 CIP DIV	FILING DATE: 12/21/1999 ✓
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SERIAL NUMBER: 09157546	ECV 5327	FILING DATE: 09/21/1998 ✓
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SERIAL NUMBER: 09396124	ECV 5328	FILING DATE: 09/14/1999 ✓
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SERIAL NUMBER: 09491987	ECV 5412	FILING DATE: 01/26/2000 ✓
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SERIAL NUMBER: 09332759	ECV 5413	FILING DATE: 06/14/1999 ✓
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SERIAL NUMBER: 09491990	ECV 5413 CIP	FILING DATE: 01/26/2000 ✓
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SERIAL NUMBER: 09387468	ECV 5476	FILING DATE: 09/01/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 60178084	ECV 5587	FILING DATE: 01/25/2000 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08192894	NC 4582	FILING DATE: 02/07/1994 ✓
PATENT NUMBER: 6102845		ISSUE DATE: 08/15/2000 ✓
SERIAL NUMBER: 09157846	NC 4582 DIV 2	FILING DATE: 09/21/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09285933	NC 5409	FILING DATE: 04/02/1999 ✓
PATENT NUMBER:		ISSUE DATE:

SERIAL NUMBER: 09273030	Rm1 5188CIP	FILING DATE: 03/19/1999 ✓
PATENT NUMBER: 6083238		ISSUE DATE: 07/04/2000 ✓
SERIAL NUMBER: 08720427	Rm1 5203	FILING DATE: 09/30/1996 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09386666	Rm1 5475	FILING DATE: 08/31/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09438172	Rm1 5497	FILING DATE: 11/11/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08612742	VAS 4736	FILING DATE: 03/08/1996 ✓
PATENT NUMBER: 6099791		ISSUE DATE: 08/08/2000 ✓
SERIAL NUMBER: 09201953	VAS 4761 CON	FILING DATE: 12/01/1998 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 09306863	VAS 4778 CON 2	FILING DATE: 05/07/1999 ✓
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PATENT NUMBER: 6071307		ISSUE DATE: 06/06/2000 ✓
SERIAL NUMBER: 09247733	VAS 5416	FILING DATE: 02/09/1999 ✓
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PATENT NUMBER:		ISSUE DATE:
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PATENT NUMBER: 6024729		ISSUE DATE: 02/15/2000 ✓
SERIAL NUMBER: 09419315	VAS 5498	FILING DATE: 10/15/1999 ✓
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER: 08240286	AVD 3843 CCP	FILING DATE: 05/09/1994 ✓
PATENT NUMBER: 5500014		ISSUE DATE: 03/19/1996 ✓
SERIAL NUMBER: 07691258	AVD 4127	FILING DATE: 04/25/1991 ✓
PATENT NUMBER: 5272909		ISSUE DATE: 12/28/1993 ✓
SERIAL NUMBER: 06133701	AVD 4127 DIV	FILING DATE: 10/08/1993 ✓
PATENT NUMBER: 5327774		ISSUE DATE: 07/12/1994 ✓

SERIAL NUMBER: 08901987 PATENT NUMBER: 5997573	AVD 4289 CIP DIV	FILING DATE: 07/29/1997 ✓ ISSUE DATE: 12/07/1999 ✓
SERIAL NUMBER: 08264225 PATENT NUMBER: 5609626	AVD 4289 CON	FILING DATE: 06/22/1994 ✓ ISSUE DATE: 03/11/1997 ✓
SERIAL NUMBER: 08467496 PATENT NUMBER: 5824061	AVD 4289 DIV	FILING DATE: 06/06/1995 ✓ ISSUE DATE: 10/20/1998 ✓
SERIAL NUMBER: 07387728 PATENT NUMBER: 5047020	Be-1605 CIP	FILING DATE: 07/31/1989 ✓ ISSUE DATE: 09/10/1991 ✓
SERIAL NUMBER: 07097295 PATENT NUMBER: 4871357	Be-1605 CON	FILING DATE: 09/14/1987 ✓ ISSUE DATE: 10/03/1989 ✓
SERIAL NUMBER: 07216070 PATENT NUMBER: 4874581	Be-1621 CIP	FILING DATE: 07/07/1988 ✓ ISSUE DATE: 10/17/1989 ✓
SERIAL NUMBER: 06885207 PATENT NUMBER: 4698207	Be-1626	FILING DATE: 07/14/1986 ✓ ISSUE DATE: 10/06/1987 ✓
SERIAL NUMBER: 07073261 PATENT NUMBER: 4876066	Be-1626 DIV	FILING DATE: 07/14/1987 ✓ ISSUE DATE: 10/24/1989 ✓
SERIAL NUMBER: 07338347 PATENT NUMBER: 5039486	Be-1652 CON	FILING DATE: 04/12/1989 ✓ ISSUE DATE: 08/13/1991 ✓
SERIAL NUMBER: 07664449 PATENT NUMBER: 5110549	Be-1652 CP CN	FILING DATE: 02/28/1991 ✓ ISSUE DATE: 05/05/1992 ✓
SERIAL NUMBER: 07795170 PATENT NUMBER: 5167921	Be-1652 CP DV	FILING DATE: 11/19/1991 ✓ ISSUE DATE: 12/01/1992 ✓
SERIAL NUMBER: 06948284 PATENT NUMBER: D302299	Be-1745	FILING DATE: 12/31/1986 ✓ ISSUE DATE: 07/18/1989 ✓
SERIAL NUMBER: 06124312 PATENT NUMBER: 4490254	Be-3053	FILING DATE: 02/25/1980 ✓ ISSUE DATE: 12/25/1984 ✓
SERIAL NUMBER: 06282283 PATENT NUMBER: 4440723	Be-3059	FILING DATE: 07/10/1981 ✓ ISSUE DATE: 04/03/1984 ✓
SERIAL NUMBER: 06236941 PATENT NUMBER: 4447150	Be-3062	FILING DATE: 02/27/1981 ✓ ISSUE DATE: 05/08/1984 ✓
SERIAL NUMBER: 06288118 PATENT NUMBER: 4428934	Be-3063	FILING DATE: 07/29/1981 ✓ ISSUE DATE: 01/31/1984 ✓
SERIAL NUMBER: 06860710 PATENT NUMBER: 4684508	Be-3368	FILING DATE: 05/05/1986 ✓ ISSUE DATE: 08/04/1987 ✓
SERIAL NUMBER: 06410039 PATENT NUMBER: 4444498	Be-3400	FILING DATE: 08/20/1982 ✓ ISSUE DATE: 04/24/1984 ✓

SERIAL NUMBER: 06683252	<i>Bx-3508</i>	FILING DATE: 12/18/1984 ✓
PATENT NUMBER: 4731260		ISSUE DATE: 03/15/1988 ✓
SERIAL NUMBER: 06746355	<i>Bx-3552</i>	FILING DATE: 06/19/1985 ✓
PATENT NUMBER: 4640819		ISSUE DATE: 02/03/1987 ✓
SERIAL NUMBER: 06736767	<i>Bx-3569</i>	FILING DATE: 05/22/1985 ✓
PATENT NUMBER: 4635467		ISSUE DATE: 01/13/1987 ✓
SERIAL NUMBER: 07056135	<i>Bx-3592CIP</i>	FILING DATE: 05/29/1987 ✓
PATENT NUMBER: 4902476		ISSUE DATE: 02/20/1990 ✓
SERIAL NUMBER: 06743693	<i>Bx-35693590</i>	FILING DATE: 06/11/1985 ✓
PATENT NUMBER: 4734269		ISSUE DATE: 03/29/1988 ✓
SERIAL NUMBER: 07177306	<i>Bx-3709</i>	FILING DATE: 04/05/1988 ✓
PATENT NUMBER: 4911549		ISSUE DATE: 03/27/1990 ✓
SERIAL NUMBER: 07617922	<i>Bx-3715CON</i>	FILING DATE: 11/21/1990 ✓
PATENT NUMBER: 5120502		ISSUE DATE: 06/09/1992 ✓
SERIAL NUMBER: 07260164	<i>Bx-3748</i>	FILING DATE: 10/20/1988 ✓
PATENT NUMBER: 5120501		ISSUE DATE: 06/09/1992 ✓
SERIAL NUMBER: 08024998	<i>Bx-3748 CNDV</i>	FILING DATE: 03/02/1993 ✓
PATENT NUMBER: 5338512		ISSUE DATE: 08/16/1994 ✓
SERIAL NUMBER: 07971717	<i>Bx-3748 CPCN</i>	FILING DATE: 11/04/1992 ✓
PATENT NUMBER: 5236665		ISSUE DATE: 08/17/1993 ✓
SERIAL NUMBER: 07848897	<i>Bx-3748 CON</i>	FILING DATE: 03/10/1992 ✓
PATENT NUMBER: 5225161		ISSUE DATE: 07/06/1993 ✓
SERIAL NUMBER: 07945998	<i>Bx-3784<sup>84</sup> DVCN</i>	FILING DATE: 09/15/1992 ✓
PATENT NUMBER: 5316724		ISSUE DATE: 05/31/1994 ✓
SERIAL NUMBER: 07359178	<i>Bx-3844</i>	FILING DATE: 05/31/1989 ✓
PATENT NUMBER: 5049146		ISSUE DATE: 09/17/1991 ✓
SERIAL NUMBER: 07369806	<i>Bx-3849</i>	FILING DATE: 06/22/1989 ✓
PATENT NUMBER: 4954055		ISSUE DATE: 09/04/1990 ✓
SERIAL NUMBER: 07428270	<i>Bx-3912</i>	FILING DATE: 10/26/1989 ✓
PATENT NUMBER: 5217689		ISSUE DATE: 06/08/1993 ✓
SERIAL NUMBER: 07554759	<i>Bx-4022</i>	FILING DATE: 07/16/1990 ✓
PATENT NUMBER: 5061236		ISSUE DATE: 10/29/1991 ✓
SERIAL NUMBER: 07906900	<i>Bx-4051 CNCP</i>	FILING DATE: 06/29/1992 ✓
PATENT NUMBER: 5270005		ISSUE DATE: 12/14/1993 ✓
SERIAL NUMBER: 07609301	<i>Bx-4062</i>	FILING DATE: 11/01/1990 ✓
PATENT NUMBER: 5186713		ISSUE DATE: 02/16/1993 ✓



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SERIAL NUMBER: 08331292  
PATENT NUMBER: 5541167

Bx 4143 CON

FILING DATE: 02/28/1994  
ISSUE DATE: 07/30/1996 ✓

SERIAL NUMBER: 08154654  
PATENT NUMBER: 5417969

Bx 4176 CIP

FILING DATE: 11/18/1993  
ISSUE DATE: 05/23/1995 ✓

SERIAL NUMBER: 07958667  
PATENT NUMBER: 5266265

Bx 4341

FILING DATE: 10/08/1992  
ISSUE DATE: 11/30/1993 ✓

SERIAL NUMBER: 08094834  
PATENT NUMBER: 5401255

Bx-4393

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ISSUE DATE: 03/28/1995 ✓

SERIAL NUMBER: 08083405  
PATENT NUMBER: 5368438

Bx-4474

FILING DATE: 06/28/1993  
ISSUE DATE: 11/29/1994 ✓

SERIAL NUMBER: 08336964  
PATENT NUMBER: 5501574

Bx-4474 CON

FILING DATE: 11/10/1994  
ISSUE DATE: 03/26/1996 ✓

SERIAL NUMBER: 09029646  
PATENT NUMBER: 6004511

Bx-4912

FILING DATE: 06/17/1998  
ISSUE DATE: 12/21/1999 ✓

SERIAL NUMBER: 08551256  
PATENT NUMBER: 5770149

Bx-4932

FILING DATE: 10/31/1995  
ISSUE DATE: 06/23/1998 ✓

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ISSUE DATE: 09/01/1998 ✓

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PATENT NUMBER: 5746575

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FILING DATE: 12/22/1995  
ISSUE DATE: 05/05/1998 ✓

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PATENT NUMBER: 5863179

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FILING DATE: 11/03/1997  
ISSUE DATE: 01/26/1999 ✓

SERIAL NUMBER: 08938058  
PATENT NUMBER: 6017493

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ISSUE DATE: 01/25/2000 ✓

SERIAL NUMBER: 08989316  
PATENT NUMBER: 5929438

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FILING DATE: 12/12/1997  
ISSUE DATE: 11/23/1999 ✓

SERIAL NUMBER: 06103401  
PATENT NUMBER: 4388927

CVG 2598

FILING DATE: 12/13/1979  
ISSUE DATE: 06/21/1983 ✓

SERIAL NUMBER: 06195103  
PATENT NUMBER: 4311573

CVG-2641

FILING DATE: 10/08/1980  
ISSUE DATE: 01/19/1982 ✓

SERIAL NUMBER: 06577300  
PATENT NUMBER: 4595632

CVG-2667

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ISSUE DATE: 06/17/1986 ✓

SERIAL NUMBER: 06427782  
PATENT NUMBER: 4557266

CVG-3272

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ISSUE DATE: 12/10/1985 ✓

SERIAL NUMBER: 06580119  
PATENT NUMBER: 4589964

CVG 3375

FILING DATE: 02/14/1984  
ISSUE DATE: 05/20/1986 ✓

SERIAL NUMBER: 07794544	CVG-4167	FILING DATE: 11/19/1991
PATENT NUMBER: 5244913		ISSUE DATE: 09/14/1993 ✓
SERIAL NUMBER: 06723912	ECC 3556	FILING DATE: 04/16/1985
PATENT NUMBER: 4670009		ISSUE DATE: 06/02/1987 ✓
SERIAL NUMBER: 06782032	ECC 1606	FILING DATE: 09/30/1985
PATENT NUMBER: 4648868		ISSUE DATE: 03/10/1987 ✓
SERIAL NUMBER: 07060666	ECC 1618 CON	FILING DATE: 06/10/1987
PATENT NUMBER: 4727884		ISSUE DATE: 03/01/1988 ✓
SERIAL NUMBER: 06868313	ECC 1619 CIP3	FILING DATE: 05/28/1986
PATENT NUMBER: 4664126		ISSUE DATE: 05/12/1987 ✓
SERIAL NUMBER: 06866772	ECC 1633	FILING DATE: 05/23/1986
PATENT NUMBER: 4858618		ISSUE DATE: 08/22/1989 ✓
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PATENT NUMBER: 4823167		ISSUE DATE: 04/18/1989 ✓
SERIAL NUMBER: 07000529	ECC 1747	FILING DATE: 01/05/1987
PATENT NUMBER: 4712865		ISSUE DATE: 12/15/1987 ✓
SERIAL NUMBER: 07000537	ECC 1748	FILING DATE: 01/05/1987
PATENT NUMBER: 4714770		ISSUE DATE: 12/22/1987 ✓
SERIAL NUMBER: 06245580	ECC 2242	FILING DATE: 03/20/1981
PATENT NUMBER: 4381591		ISSUE DATE: 05/03/1983 ✓
SERIAL NUMBER: 06160750	ECC 2564	FILING DATE: 06/18/1980
PATENT NUMBER: 4328806		ISSUE DATE: 05/11/1982 ✓
SERIAL NUMBER: 06160600	ECC 2565	FILING DATE: 06/18/1980
PATENT NUMBER: 4329993		ISSUE DATE: 05/18/1982 ✓
SERIAL NUMBER: 06160749	ECC 2624	FILING DATE: 06/18/1980
PATENT NUMBER: 4329994		ISSUE DATE: 05/18/1982 ✓
SERIAL NUMBER: 06128181	ECC 2670	FILING DATE: 03/07/1980
PATENT NUMBER: 4369496		ISSUE DATE: 01/18/1983 ✓
SERIAL NUMBER: 06301146	ECC 3036	FILING DATE: 09/11/1981
PATENT NUMBER: 4407304		ISSUE DATE: 10/04/1983 ✓
SERIAL NUMBER: 06327111	ECC 3060	FILING DATE: 12/03/1981
PATENT NUMBER: 4456223		ISSUE DATE: 06/26/1984 ✓
SERIAL NUMBER: 06844213	ECC 3150 CON	FILING DATE: 03/18/1986
PATENT NUMBER: 4759378		ISSUE DATE: 07/26/1988 ✓
SERIAL NUMBER: 06437247	ECC 3151	FILING DATE: 11/26/1982
PATENT NUMBER: 4464179		ISSUE DATE: 08/07/1984 ✓

SERIAL NUMBER: 06499936 PATENT NUMBER: D285248	ECC 3202	FILING DATE: 06/01/1983 ISSUE DATE: 08/19/1986 ✓
SERIAL NUMBER: 06489900 PATENT NUMBER: 4539998	ECC 3246	FILING DATE: 04/29/1983 ISSUE DATE: 09/10/1985 ✓
SERIAL NUMBER: 06499938 PATENT NUMBER: 4508123	ECC 3248	FILING DATE: 06/01/1983 ISSUE DATE: 04/02/1985 ✓
SERIAL NUMBER: 06551661 PATENT NUMBER: 4515278	ECC 3248	FILING DATE: 11/14/1983 ISSUE DATE: 05/07/1985 ✓
SERIAL NUMBER: 06546492 PATENT NUMBER: 4647149	ECC 3347	FILING DATE: 10/28/1983 ISSUE DATE: 03/03/1987 ✓
SERIAL NUMBER: 07323054 PATENT NUMBER: 5007704	ECC 3348 CON	FILING DATE: 03/14/1989 ISSUE DATE: 04/16/1991 ✓
SERIAL NUMBER: 06570619 PATENT NUMBER: 4796640	ECC 3359	FILING DATE: 01/13/1984 ISSUE DATE: 01/10/1989 ✓
SERIAL NUMBER: 06570632 PATENT NUMBER: 4595012	ECC 3360	FILING DATE: 01/13/1984 ISSUE DATE: 06/17/1986 ✓
SERIAL NUMBER: 06570631 PATENT NUMBER: 4632125	ECC 3361 &	FILING DATE: 01/13/1984 ISSUE DATE: 12/30/1986 ✓
SERIAL NUMBER: 06858448 PATENT NUMBER: 4745928	ECC 3361 A	FILING DATE: 05/01/1986 ISSUE DATE: 05/24/1988 ✓
SERIAL NUMBER: 06658111 PATENT NUMBER: 4651751	ECC 3461	FILING DATE: 10/05/1984 ISSUE DATE: 03/24/1987 ✓
SERIAL NUMBER: 06945381 PATENT NUMBER: 5193547	ECC 3421 CON	FILING DATE: 12/22/1986 ISSUE DATE: 03/16/1993 ✓
SERIAL NUMBER: 06651283 PATENT NUMBER: 4589287	ECC 3474	FILING DATE: 09/17/1984 ISSUE DATE: 05/20/1986 ✓
SERIAL NUMBER: 06659702 PATENT NUMBER: 4713059	ECC 3477	FILING DATE: 10/11/1984 ISSUE DATE: 12/15/1987 ✓
SERIAL NUMBER: 07099097 PATENT NUMBER: 4850974	ECC 3477 DIV	FILING DATE: 09/21/1987 ISSUE DATE: 07/25/1989 ✓
SERIAL NUMBER: 06686989 PATENT NUMBER: 4643389	ECC 3482	FILING DATE: 12/27/1984 ISSUE DATE: 02/17/1987 ✓
SERIAL NUMBER: 06622079 PATENT NUMBER: 4564020	ECC 3534	FILING DATE: 06/19/1984 ISSUE DATE: 01/14/1986 ✓
SERIAL NUMBER: 06670213 PATENT NUMBER: 4587974	ECC 3535	FILING DATE: 11/13/1984 ISSUE DATE: 05/13/1986 ✓

SERIAL NUMBER: 06739546 PATENT NUMBER: 4651741	ECC 3574	FILING DATE: 05/30/1985 ISSUE DATE: 03/24/1987	✓
SERIAL NUMBER: 06781411 PATENT NUMBER: 4711522	ECC 3583	FILING DATE: 09/27/1985 ISSUE DATE: 12/08/1987	✓
SERIAL NUMBER: 07270320 PATENT NUMBER: 4858821	ECC 3620	FILING DATE: 11/14/1988 ISSUE DATE: 08/22/1989	✓
SERIAL NUMBER: 07335927 PATENT NUMBER: 5135489	ECC 3698 CIP3	FILING DATE: 04/10/1989 ISSUE DATE: 08/04/1992	✓
SERIAL NUMBER: 07257017 PATENT NUMBER: 4960708	ECC 3780	FILING DATE: 10/13/1988 ISSUE DATE: 10/02/1990	✓
SERIAL NUMBER: 07304743 PATENT NUMBER: 4970900	ECC 3806	FILING DATE: 01/31/1989 ISSUE DATE: 11/20/1990	✓
SERIAL NUMBER: 07316613 PATENT NUMBER: 4962757	ECC 3817	FILING DATE: 02/28/1989 ISSUE DATE: 10/16/1990	✓
SERIAL NUMBER: 07351678 PATENT NUMBER: 4981355	ECC 3837	FILING DATE: 05/12/1989 ISSUE DATE: 01/01/1991	✓
SERIAL NUMBER: 07380052 PATENT NUMBER: 5029585	ECC 3862	FILING DATE: 07/14/1989 ISSUE DATE: 07/09/1991	✓
SERIAL NUMBER: 07485349 PATENT NUMBER: 5325865	ECC 3953	FILING DATE: 02/26/1990 ISSUE DATE: 07/05/1994	✓
SERIAL NUMBER: 07826280 PATENT NUMBER: 5149326	ECC 4048 CON	FILING DATE: 01/17/1992 ISSUE DATE: 09/22/1992	✓
SERIAL NUMBER: 07678911 PATENT NUMBER: 5271410	ECC 4124	FILING DATE: 04/01/1991 ISSUE DATE: 12/21/1993	✓
SERIAL NUMBER: 07752399 PATENT NUMBER: 5230342	ECC 4173	FILING DATE: 08/30/1991 ISSUE DATE: 07/27/1993	✓
SERIAL NUMBER: 07790724 PATENT NUMBER: 5246016	ECC 4194	FILING DATE: 11/08/1991 ISSUE DATE: 09/21/1993	✓
SERIAL NUMBER: 08080884 PATENT NUMBER: 5363853	ECC 4194 CDV	FILING DATE: 06/22/1993 ISSUE DATE: 11/15/1994	✓
SERIAL NUMBER: 08137381 PATENT NUMBER: 5351693	ECC 4194 CPC	FILING DATE: 10/13/1993 ISSUE DATE: 10/04/1994	✓
SERIAL NUMBER: 08083105 PATENT NUMBER: 5437637	ECC 4194 DIV	FILING DATE: 06/24/1993 ISSUE DATE: 08/01/1995	✓
SERIAL NUMBER: 08675365 PATENT NUMBER: 5662620	ECC 4194 DVC	FILING DATE: 07/02/1996 ISSUE DATE: 09/02/1997	✓ *



SERIAL NUMBER: 08850536	ECC 4194 DVC*	FILING DATE: 05/02/1997	✓
PATENT NUMBER: 5833645		ISSUE DATE: 11/10/1998	✓
SERIAL NUMBER: 07823092	ECC 4207	FILING DATE: 01/21/1992	
PATENT NUMBER: 5207228		ISSUE DATE: 05/04/1993	✓
SERIAL NUMBER: 08341327	ECC 4207 DVC	FILING DATE: 11/16/1994	
PATENT NUMBER: 5443074		ISSUE DATE: 08/22/1995	✓
SERIAL NUMBER: 07832253	ECC 4233	FILING DATE: 02/07/1992	
PATENT NUMBER: 5754716		ISSUE DATE: 05/19/1998	✓
SERIAL NUMBER: 08204796	ECC 4241 CON	FILING DATE: 03/02/1994	
PATENT NUMBER: 5387199		ISSUE DATE: 02/07/1995	✓
SERIAL NUMBER: 07510897	ECC 4323	FILING DATE: 04/18/1990	
PATENT NUMBER: 5146414		ISSUE DATE: 09/08/1992	✓
SERIAL NUMBER: 08473738	ECC 4324 CCD	FILING DATE: 06/07/1995	
PATENT NUMBER: 5588438		ISSUE DATE: 12/31/1996	✓
SERIAL NUMBER: 08245727	ECC 4324 CCP	FILING DATE: 05/18/1994	
PATENT NUMBER: 5720293		ISSUE DATE: 02/24/1998	✓
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SERIAL NUMBER: 06334443	ECC 4324 CPC*	FILING DATE: 11/04/1994	✓
PATENT NUMBER: 5553622		ISSUE DATE: 09/10/1996	✓
SERIAL NUMBER: 08603552	ECC 4324 CPC*	FILING DATE: 02/21/1996	✓
PATENT NUMBER: 5755670		ISSUE DATE: 05/26/1998	✓
SERIAL NUMBER: 07832410	ECC 4326	FILING DATE: 02/07/1992	
PATENT NUMBER: 5305760		ISSUE DATE: 04/26/1994	✓
SERIAL NUMBER: 08071838	ECC 4356	FILING DATE: 06/04/1993	
PATENT NUMBER: 5357967		ISSUE DATE: 10/25/1994	✓
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PATENT NUMBER: 5354272		ISSUE DATE: 10/11/1994	✓
SERIAL NUMBER: 08200619	ECC 4587	FILING DATE: 02/23/1994	
PATENT NUMBER: 5564951		ISSUE DATE: 10/15/1996	✓
SERIAL NUMBER: 08268217	ECC 4627	FILING DATE: 06/29/1994	
PATENT NUMBER: 5636638		ISSUE DATE: 06/10/1997	✓
SERIAL NUMBER: 08747099	ECC <del>4624</del> CIP DIV	FILING DATE: 11/08/1996	
PATENT NUMBER: 5701908	4642	ISSUE DATE: 12/30/1997	✓

SERIAL NUMBER: 08466544	ECC 4642 DIV *	FILING DATE: 06/06/1995	✓ *
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PATENT NUMBER: 5797964		ISSUE DATE: 08/25/1998	✓ *
SERIAL NUMBER: 09041356	ECC 4642 DIV *	FILING DATE: 03/12/1998	✓ *
PATENT NUMBER: 5886576		ISSUE DATE: 03/23/1999	✓ *
SERIAL NUMBER: 08422369	ECC 4642 CIP	FILING DATE: 04/14/1995	✓
PATENT NUMBER: 5634470		ISSUE DATE: 06/03/1997	✓
SERIAL NUMBER: 08311477	ECC 4683	FILING DATE: 09/23/1994	✓
PATENT NUMBER: 6036654		ISSUE DATE: 03/14/2000	✓
SERIAL NUMBER: 08470851	ECC 4762	FILING DATE: 06/06/1995	✓
PATENT NUMBER: 5590778		ISSUE DATE: 01/07/1997	✓
SERIAL NUMBER: 08519371	ECC 4896	FILING DATE: 08/25/1995	✓
PATENT NUMBER: 5691446		ISSUE DATE: 11/25/1997	✓
SERIAL NUMBER: 08689975	ECC 4896 CIP	FILING DATE: 08/16/1996	✓
PATENT NUMBER: 5741885		ISSUE DATE: 04/21/1998	✓
SERIAL NUMBER: 08548937	ECC 4939	FILING DATE: 10/26/1995	✓
PATENT NUMBER: 5687733		ISSUE DATE: 11/18/1997	✓
SERIAL NUMBER: 08662748	ECC 4984	FILING DATE: 06/10/1996	✓
PATENT NUMBER: 5843002		ISSUE DATE: 12/01/1998	✓
SERIAL NUMBER: 08822890	ECC 4984 CIP	FILING DATE: 03/24/1997	✓
PATENT NUMBER: 5827202		ISSUE DATE: 10/27/1998	✓
SERIAL NUMBER: 09071815	ECC 5082	FILING DATE: 05/01/1998	✓
PATENT NUMBER: 5971935		ISSUE DATE: 10/26/1999	✓
SERIAL NUMBER: 08791079	ECC 5109	FILING DATE: 01/29/1997	✓
PATENT NUMBER: 5795326		ISSUE DATE: 08/18/1998	✓
SERIAL NUMBER: 09015049	ECC 5109 CIP	FILING DATE: 01/28/1998	✓
PATENT NUMBER: 5968009		ISSUE DATE: 10/19/1999	✓
SERIAL NUMBER: 08937670	ECC 5159	FILING DATE: 09/26/1997	✓
PATENT NUMBER: 5961472		ISSUE DATE: 10/05/1999	✓
SERIAL NUMBER: 09094390	ECC 5325	FILING DATE: 06/09/1998	✓
PATENT NUMBER: 6045512		ISSUE DATE: 04/04/2000	✓
SERIAL NUMBER: 06692976	ECC 3483	FILING DATE: 01/22/1985	✓
PATENT NUMBER: 4603574		ISSUE DATE: 08/05/1986	✓
SERIAL NUMBER: 06874618	ECV 1632	FILING DATE: 06/16/1986	✓
PATENT NUMBER: 4790843		ISSUE DATE: 12/13/1988	✓



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SERIAL NUMBER: 07243226  
PATENT NUMBER: 5061277

ECV 1636 CON

FILING DATE: 10/29/1988 ✓  
ISSUE DATE: 10/29/1991

SERIAL NUMBER: 06923083  
PATENT NUMBER: 4725274

ECV 1666

FILING DATE: 10/24/1986 ✓  
ISSUE DATE: 02/16/1988 ✓

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PATENT NUMBER: 4373216

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ISSUE DATE: 02/15/1983 ✓

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PATENT NUMBER: 4535483

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ISSUE DATE: 08/20/1985 ✓

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ISSUE DATE: 06/05/1984 ✓

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ECV 1729

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ISSUE DATE: 08/04/1987 ✓

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ECV 1732

FILING DATE: 09/17/1980 ✓  
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ECV 1775

FILING DATE: 04/17/1987 ✓  
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ECV 2665

FILING DATE: 08/17/1981 ✓  
ISSUE DATE: 02/26/1985 ✓

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PATENT NUMBER: 4865600

ECV 2669

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ISSUE DATE: 09/12/1989 ✓

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PATENT NUMBER: 4451936

ECV 2986

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ISSUE DATE: 06/05/1984 ✓

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ECV 3041

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ISSUE DATE: 03/10/1987 ✓

SERIAL NUMBER: 06377747  
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ECV 3075-

FILING DATE: 05/13/1982 ✓  
ISSUE DATE: 11/06/1984 ✓

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ECV 3075-

FILING DATE: 11/05/1985 ✓  
ISSUE DATE: 03/08/1988 ✓

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PATENT NUMBER: 4770665

ECV 3075-

FILING DATE: 11/05/1985 ✓  
ISSUE DATE: 09/13/1988 ✓

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PATENT NUMBER: 4443895

ECV 3112

FILING DATE: 07/09/1982 ✓  
ISSUE DATE: 04/24/1984 ✓

SERIAL NUMBER: 06670786  
PATENT NUMBER: 4647283

ECV 3449 DIV

FILING DATE: 11/13/1984 ✓  
ISSUE DATE: 03/03/1987 ✓

SERIAL NUMBER: 06713204	ECV 3493 DIV	FILING DATE: 03/18/1985	✓
PATENT NUMBER: 5215541		ISSUE DATE: 06/01/1993	✓
SERIAL NUMBER: 07020202	ECV 3494 CDV	FILING DATE: 02/27/1987	✓
PATENT NUMBER: 4885005		ISSUE DATE: 12/05/1989	✓
SERIAL NUMBER: 08376624	ECV 3710 CON	FILING DATE: 01/23/1995	✓
PATENT NUMBER: 5716398		ISSUE DATE: 02/10/1998	✓
SERIAL NUMBER: 08912021	ECV 3710 CON3	FILING DATE: 08/15/1997	✓
PATENT NUMBER: 5964800		ISSUE DATE: 10/12/1999	✓
SERIAL NUMBER: 07290001	ECV 3789	FILING DATE: 12/22/1988	✓
PATENT NUMBER: 4917698		ISSUE DATE: 04/17/1990	✓
SERIAL NUMBER: 07339787	ECV 3800 CIP	FILING DATE: 04/18/1989	✓
PATENT NUMBER: 5002566		ISSUE DATE: 03/26/1991	✓
SERIAL NUMBER: 07587486	ECV 3803 CON	FILING DATE: 09/20/1990	✓
PATENT NUMBER: 5104407		ISSUE DATE: 04/14/1992	✓
SERIAL NUMBER: 08004214	ECV 3860 CCP	FILING DATE: 01/13/1993	✓
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SERIAL NUMBER: 08474048	ECV 3860 CDC	FILING DATE: 06/07/1995	★
PATENT NUMBER: 5683402		ISSUE DATE: 11/04/1997	✓
SERIAL NUMBER: 08068279	ECU 3860 CON	FILING DATE: 05/25/1993	✓
PATENT NUMBER: 5350420		ISSUE DATE: 09/27/1994	✓
SERIAL NUMBER: 08190755	ECV 3860 DVC	FILING DATE: 02/02/1994	✓
PATENT NUMBER: 5496336		ISSUE DATE: 03/05/1996	✓
SERIAL NUMBER: 07444189	ECV 3860 CIP	FILING DATE: 11/30/1989	✓
PATENT NUMBER: 5041130		ISSUE DATE: 08/20/1991	✓
SERIAL NUMBER: 07502158	ECV 3965	FILING DATE: 03/29/1990	✓
PATENT NUMBER: 5035709		ISSUE DATE: 07/30/1991	✓
SERIAL NUMBER: 07579464	ECV 4032	FILING DATE: 09/07/1990	✓
PATENT NUMBER: 5197979		ISSUE DATE: 03/30/1993	✓
SERIAL NUMBER: 07990211	ECV 4032 DIV	FILING DATE: 12/14/1992	✓
PATENT NUMBER: 5336258		ISSUE DATE: 08/09/1994	✓
SERIAL NUMBER: 07622917	ECV 4057	FILING DATE: 12/06/1990	✓
PATENT NUMBER: 5274028		ISSUE DATE: 12/28/1993	✓
SERIAL NUMBER: 08049015	ECV 4399	FILING DATE: 04/16/1993	✓
PATENT NUMBER: 5422261		ISSUE DATE: 06/06/1995	✓
SERIAL NUMBER: 08311383	ECV 4399 DIV	FILING DATE: 09/23/1994	✓
PATENT NUMBER: 5424208		ISSUE DATE: 06/13/1995	✓

SERIAL NUMBER: 08073272	ECV 4446	FILING DATE: 04/16/1993 ✓
PATENT NUMBER: 5332503		ISSUE DATE: 07/26/1994 ✓
SERIAL NUMBER: 08086778	ECV 4473	FILING DATE: 07/01/1993
PATENT NUMBER: 5409833		ISSUE DATE: 04/25/1995 ✓
SERIAL NUMBER: 08647155	ECV 4645 CON	FILING DATE: 05/09/1996
PATENT NUMBER: 5744360		ISSUE DATE: 04/28/1998 ✓
SERIAL NUMBER: 09036162	ECV 4645 DIV	FILING DATE: 03/06/1998
PATENT NUMBER: 6020196		ISSUE DATE: 02/01/2000 ✓
SERIAL NUMBER: 08874180	ECV 4652 CIP	FILING DATE: 06/13/1997 ✓
PATENT NUMBER: 5931969		ISSUE DATE: 08/03/1999 ✓
SERIAL NUMBER: 08283059	ECV 4676	FILING DATE: 07/29/1994
PATENT NUMBER: 5593435		ISSUE DATE: 01/14/1997 ✓
SERIAL NUMBER: 08757693	ECV 4676 CON	FILING DATE: 12/03/1996
PATENT NUMBER: 5888240		ISSUE DATE: 03/30/1999 ✓
SERIAL NUMBER: 08300025	ECV 4677	FILING DATE: 09/02/1994
PATENT NUMBER: 5549666		ISSUE DATE: 08/27/1996 ✓
SERIAL NUMBER: 08948365	ECV 4677 DIV CON	FILING DATE: 10/09/1997
PATENT NUMBER: 5769780		ISSUE DATE: 06/23/1998 ✓
SERIAL NUMBER: 08362633	ECV 4709	FILING DATE: 12/22/1994
PATENT NUMBER: 5554186		ISSUE DATE: 09/10/1996 ✓
SERIAL NUMBER: 08386048	ECV 4740	FILING DATE: 02/09/1995
PATENT NUMBER: 5804366		ISSUE DATE: 09/08/1998 ✓
SERIAL NUMBER: 08821478	ECV 4767 CON	FILING DATE: 03/21/1997
PATENT NUMBER: 5861030		ISSUE DATE: 01/19/1999 ✓
SERIAL NUMBER: 08914558	ECV 49 <sup>15</sup> CIP	FILING DATE: 08/19/1997 ✓
PATENT NUMBER: 5880242		ISSUE DATE: 03/09/1999 ✓
SERIAL NUMBER: 08545439	ECV 4930	FILING DATE: 10/19/1995
PATENT NUMBER: 5670358		ISSUE DATE: 09/23/1997 ✓
SERIAL NUMBER: 08998318	ECV 4935	FILING DATE: 12/24/1997
PATENT NUMBER: 6001126		ISSUE DATE: 12/14/1999 ✓
SERIAL NUMBER: 08960083	ECV 4953 CON	FILING DATE: 10/24/1997
PATENT NUMBER: 5814096		ISSUE DATE: 09/29/1998 ✓
SERIAL NUMBER: 08723420	ECV 4955	FILING DATE: 09/30/1996 ✓
PATENT NUMBER: 5800531		ISSUE DATE: 09/01/1998 ✓
SERIAL NUMBER: 08688672	ECV 5011	FILING DATE: 07/29/1996 ✓
PATENT NUMBER: 5755783		ISSUE DATE: 05/26/1998 ✓

SERIAL NUMBER: 08694580	ECV 5027	FILING DATE: 08/09/1996	✓
PATENT NUMBER: 5814100		ISSUE DATE: 09/29/1998	✓
SERIAL NUMBER: 09121474	ECV 5027CON	FILING DATE: 07/23/1998	✓
PATENT NUMBER: 6039759		ISSUE DATE: 03/21/2000	✓
SERIAL NUMBER: 08997766	ECV 5044	FILING DATE: 12/24/1997	✓
PATENT NUMBER: 6027530		ISSUE DATE: 02/22/2000	✓
SERIAL NUMBER: 08688352	ECV 5045	FILING DATE: 07/30/1996	✓
PATENT NUMBER: 5782931		ISSUE DATE: 07/21/1998	✓
SERIAL NUMBER: 09044667	ECV 5045 DIV	FILING DATE: 03/20/1998	✓
PATENT NUMBER: 5935168		ISSUE DATE: 08/10/1999	✓
SERIAL NUMBER: 08826408	ECV 5060	FILING DATE: 03/27/1997	✓
PATENT NUMBER: 5928281		ISSUE DATE: 07/27/1999	✓
SERIAL NUMBER: 08833176	ECV 5115	FILING DATE: 04/03/1997	✓
PATENT NUMBER: 5961549		ISSUE DATE: 10/05/1999	✓
SERIAL NUMBER: 08843504	ECV 5119	FILING DATE: 04/16/1997	✓
PATENT NUMBER: 5891196		ISSUE DATE: 04/06/1999	✓
SERIAL NUMBER: 08982846	ECV 5139	FILING DATE: 12/02/1997	✓
PATENT NUMBER: 6008292		ISSUE DATE: 12/28/1999	✓
SERIAL NUMBER: 08932818	ECV 5155	FILING DATE: 09/16/1997	✓
PATENT NUMBER: 6045576		ISSUE DATE: 04/04/2000	✓
SERIAL NUMBER: 08941994	ECV 5157	FILING DATE: 10/01/1997	✓
PATENT NUMBER: 5902937		ISSUE DATE: 05/11/1999	✓
SERIAL NUMBER: 09099732	ECV 5282	FILING DATE: 06/18/1998	✓
PATENT NUMBER: 6019739		ISSUE DATE: 02/01/2000	✓
SERIAL NUMBER: 09031789	ECV 5283CIP	FILING DATE: 02/27/1998	✓
PATENT NUMBER: 6004329		ISSUE DATE: 12/21/1999	✓
SERIAL NUMBER: 06211210	NC 3884	FILING DATE: 11/28/1980	✓
PATENT NUMBER: 4384829		ISSUE DATE: 05/24/1983	✓
SERIAL NUMBER: 06446453	NC 3884CIP	FILING DATE: 12/03/1982	✓
PATENT NUMBER: 4457673		ISSUE DATE: 07/03/1984	✓
SERIAL NUMBER: 06400027	NC 3885	FILING DATE: 07/20/1982	✓
PATENT NUMBER: 4519043		ISSUE DATE: 05/21/1985	✓
SERIAL NUMBER: 06446452	NC 3886	FILING DATE: 12/03/1982	✓
PATENT NUMBER: 4488099		ISSUE DATE: 12/11/1984	✓
SERIAL NUMBER: 06662254	NC 3887CON	FILING DATE: 10/17/1984	✓
PATENT NUMBER: 4557673		ISSUE DATE: 12/10/1985	✓

SERIAL NUMBER: 06680731 PATENT NUMBER: 4565497	NC 3888 CON	FILING DATE: 12/11/1984 ISSUE DATE: 01/21/1986 ✓
SERIAL NUMBER: 06555031 PATENT NUMBER: 4581018	NC 3889 CIP	FILING DATE: 11/23/1983 ISSUE DATE: 04/08/1986 ✓
SERIAL NUMBER: 06665011 PATENT NUMBER: 4552816	NC 3890 CIP	FILING DATE: 10/30/1984 ISSUE DATE: 11/12/1985 ✓
SERIAL NUMBER: 06757786 PATENT NUMBER: 4665896	NC 3891	FILING DATE: 07/22/1985 ✓ ISSUE DATE: 05/19/1987 ✓
SERIAL NUMBER: 06853464 PATENT NUMBER: 4666443	NC 3892	FILING DATE: 04/18/1986 ✓ ISSUE DATE: 05/19/1987 ✓
SERIAL NUMBER: 06933490 PATENT NUMBER: 4756302	NC 3893	FILING DATE: 11/20/1986 ✓ ISSUE DATE: 07/12/1988 ✓
SERIAL NUMBER: 07589092 PATENT NUMBER: 5153496	NC 3901	FILING DATE: 09/27/1990 ✓ ISSUE DATE: 10/06/1992 ✓
SERIAL NUMBER: 07503837 PATENT NUMBER: 5012176	NC 3982	FILING DATE: 04/03/1990 ✓ ISSUE DATE: 04/30/1991 ✓
SERIAL NUMBER: 08471438 PATENT NUMBER: 5810708	NC 4582 DIV	FILING DATE: 06/06/1995 ✓ ISSUE DATE: 09/22/1998 ✓
SERIAL NUMBER: 08468088 PATENT NUMBER: 5803770	NC 4587 CIP	FILING DATE: 06/06/1995 ✓ ISSUE DATE: 09/08/1998 ✓
SERIAL NUMBER: 08194481 PATENT NUMBER: 5511958	NC 4589	FILING DATE: 02/10/1994 ✓ ISSUE DATE: 04/30/1996 ✓
SERIAL NUMBER: 08473220 PATENT NUMBER: 5599173	NC 4589 CON	FILING DATE: 06/07/1995 ✓ ISSUE DATE: 02/04/1997 ✓
SERIAL NUMBER: 09191506 PATENT NUMBER: 6001056	NC 5399	FILING DATE: 11/13/1998 ✓ ISSUE DATE: 12/14/1999 ✓
SERIAL NUMBER: 07266745 PATENT NUMBER: 5071609	VAS 1718 CIP	FILING DATE: 11/03/1988 ✓ ISSUE DATE: 12/10/1991 ✓
SERIAL NUMBER: 07043326 PATENT NUMBER: 4816339	VAS 1773	FILING DATE: 04/28/1987 ✓ ISSUE DATE: 03/28/1989 ✓
SERIAL NUMBER: 07286440 PATENT NUMBER: 5061276	VAS 1773 CIP	FILING DATE: 12/19/1988 ✓ ISSUE DATE: 10/29/1991 ✓
SERIAL NUMBER: 06241291 PATENT NUMBER: 4430083	VAS 22668	FILING DATE: 03/06/1981 ✓ ISSUE DATE: 02/07/1984 ✓
SERIAL NUMBER: 07119167 PATENT NUMBER: 4791926	VAS 3686	FILING DATE: 11/10/1987 ✓ ISSUE DATE: 12/20/1988 ✓

SERIAL NUMBER: 07132150 PATENT NUMBER: 4791913	VAS 3696	FILING DATE: 12/14/1987 ✓ ISSUE DATE: 12/20/1988 ✓
SERIAL NUMBER: 07143738 PATENT NUMBER: 4820283	VAS 3697	FILING DATE: 01/13/1988 ✓ ISSUE DATE: 04/11/1989 ✓
SERIAL NUMBER: 07175937 PATENT NUMBER: 4844071	VAS 3722	FILING DATE: 03/31/1988 ✓ ISSUE DATE: 07/04/1989 ✓
SERIAL NUMBER: 07246578 PATENT NUMBER: 5024671	VAS 3743	FILING DATE: 09/19/1988 ✓ ISSUE DATE: 06/18/1991 ✓
SERIAL NUMBER: 07303520 PATENT NUMBER: 4882113	VAS 3796	FILING DATE: 01/26/1989 ✓ ISSUE DATE: 11/21/1989 ✓
SERIAL NUMBER: 07381895 PATENT NUMBER: 4990138	VAS 3859	FILING DATE: 07/18/1989 ✓ ISSUE DATE: 02/05/1991 ✓
SERIAL NUMBER: 08074018 PATENT NUMBER: 5376110	VAS 4096 CON	FILING DATE: 06/09/1993 ✓ ISSUE DATE: 12/27/1994 ✓
SERIAL NUMBER: 08370705 PATENT NUMBER: 5669881	VAS 4699	FILING DATE: 01/10/1995 ✓ ISSUE DATE: 09/23/1997 ✓
SERIAL NUMBER: 08762113 PATENT NUMBER: 5976192	VAS 4737 CON	FILING DATE: 12/10/1996 ✓ ISSUE DATE: 11/02/1999 ✓
SERIAL NUMBER: 08423762 PATENT NUMBER: 5641373	VAS 4761	FILING DATE: 04/17/1995 ✓ ISSUE DATE: 06/24/1997 ✓
SERIAL NUMBER: 08844482 PATENT NUMBER: 5843173	VAS 4761 DIV	FILING DATE: 04/18/1997 ✓ ISSUE DATE: 12/01/1998 ✓
SERIAL NUMBER: 08486038 PATENT NUMBER: 5707389	VAS 4778	FILING DATE: 06/07/1995 ✓ ISSUE DATE: 01/13/1998 ✓
SERIAL NUMBER: 08910944 PATENT NUMBER: 5947994	VAS 4778 CON	FILING DATE: 08/08/1997 ✓ ISSUE DATE: 09/07/1999 ✓
SERIAL NUMBER: 08485616 PATENT NUMBER: 5658302	VAS 4911	FILING DATE: 06/07/1995 ✓ ISSUE DATE: 08/19/1997 ✓
SERIAL NUMBER: 08833155 PATENT NUMBER: 5868768	VAS 4911 CON	FILING DATE: 04/04/1997 ✓ ISSUE DATE: 02/09/1999 ✓
SERIAL NUMBER: 08713070 PATENT NUMBER: 5968068	VAS 5032	FILING DATE: 09/12/1996 ✓ ISSUE DATE: 10/19/1999 ✓
SERIAL NUMBER: 08675644 PATENT NUMBER: 5928279	VAS 5041	FILING DATE: 07/03/1996 ✓ ISSUE DATE: 07/27/1999 ✓
SERIAL NUMBER: 09135736 PATENT NUMBER: 6013092	VAS 5192	FILING DATE: 08/18/1998 ✓ ISSUE DATE: 01/11/2000 ✓